

not adversely affect the clarity and direct reproducibility of the application (PCT Rule 26.4). Amendments that do not comply with PCT Rules 10 and 11.1 to 11.13 may not be entered.

(b) Amendments of claims submitted to the International Bureau shall be as prescribed by PCT Rule 46.

(c) Corrections or additions to the Request of any declarations under PCT Rule 4.17 should be submitted to the International Bureau as prescribed by PCT Rule 26ter.

[43 FR 20466, May 11, 1978, as amended at 63 FR 29619, June 1, 1998; 66 FR 16006, Mar. 22, 2001]

**§ 1.472 Changes in person, name, or address of applicants and inventors.**

All requests for a change in person, name or address of applicants and inventor be sent to the United States Receiving Office until the time of issuance of the international search report. Thereafter requests for such changes should be submitted to the International Bureau.

[43 FR 20466, May 11, 1978. Redesignated at 52 FR 20047, May 28, 1987]

UNITY OF INVENTION

**§ 1.475 Unity of invention before the International Searching Authority, the International Preliminary Examining Authority and during the national stage.**

(a) An international and a national stage application shall relate to one invention only or to a group of inventions so linked as to form a single general inventive concept ("requirement of unity of invention"). Where a group of inventions is claimed in an application, the requirement of unity of invention shall be fulfilled only when there is a technical relationship among those inventions involving one or more of the same or corresponding special technical features. The expression "special technical features" shall mean those technical features that define a contribution which each of the claimed inventions, considered as a whole, makes over the prior art.

(b) An international or a national stage application containing claims to different categories of invention will be

considered to have unity of invention if the claims are drawn only to one of the following combinations of categories:

(1) A product and a process specially adapted for the manufacture of said product; or

(2) A product and a process of use of said product; or

(3) A product, a process specially adapted for the manufacture of the said product, and a use of the said product; or

(4) A process and an apparatus or means specifically designed for carrying out the said process; or

(5) A product, a process specially adapted for the manufacture of the said product, and an apparatus or means specifically designed for carrying out the said process.

(c) If an application contains claims to more or less than one of the combinations of categories of invention set forth in paragraph (b) of this section, unity of invention might not be present.

(d) If multiple products, processes of manufacture or uses are claimed, the first invention of the category first mentioned in the claims of the application and the first recited invention of each of the other categories related thereto will be considered as the main invention in the claims, see PCT Article 17(3)(a) and § 1.476(c).

(e) The determination whether a group of inventions is so linked as to form a single general inventive concept shall be made without regard to whether the inventions are claimed in separate claims or as alternatives within a single claim.

[58 FR 4345, Jan. 14, 1993]

**§ 1.476 Determination of unity of invention before the International Searching Authority.**

(a) Before establishing the international search report, the International Searching Authority will determine whether the international application complies with the requirement of unity of invention as set forth in § 1.475.

(b) If the International Searching Authority considers that the international application does not comply

## § 1.477

with the requirement of unity of invention, it shall inform the applicant accordingly and invite the payment of additional fees (note § 1.445 and PCT Art. 17(3)(a) and PCT Rule 40). The applicant will be given a time period in accordance with PCT Rule 40.3 to pay the additional fees due.

(c) In the case of non-compliance with unity of invention and where no additional fees are paid, the international search will be performed on the invention first mentioned (“main invention”) in the claims.

(d) Lack of unity of invention may be directly evident before considering the claims in relation to any prior art, or after taking the prior art into consideration, as where a document discovered during the search shows the invention claimed in a generic or linking claim lacks novelty or is clearly obvious, leaving two or more claims joined thereby without a common inventive concept. In such a case the International Searching Authority may raise the objection of lack of unity of invention.

[43 FR 20466, May 11, 1978. Redesignated and amended at 52 FR 20048, May 28, 1987; 58 FR 4346, Jan. 14, 1993]

### **§ 1.477 Protest to lack of unity of invention before the International Searching Authority.**

(a) If the applicant disagrees with the holding of lack of unity of invention by the International Searching Authority, additional fees may be paid under protest, accompanied by a request for refund and a statement setting forth reasons for disagreement or why the required additional fees are considered excessive, or both (PCT Rule 40.2(c)).

(b) Protest under paragraph (a) of this section will be examined by the Director or the Director's designee. In the event that the applicant's protest is determined to be justified, the additional fees or a portion thereof will be refunded.

(c) An applicant who desires that a copy of the protest and the decision thereon accompany the international search report when forwarded to the Designated Offices, may notify the International Searching Authority to that effect any time prior to the issuance of the international search re-

## 37 CFR Ch. I (7–1–13 Edition)

port. Thereafter, such notification should be directed to the International Bureau (PCT Rule 40.2(c)).

[43 FR 20466, May 11, 1978. Redesignated and amended at 52 FR 20048, May 28, 1987]

### **INTERNATIONAL PRELIMINARY EXAMINATION**

#### **§ 1.480 Demand for international preliminary examination.**

(a) On the filing of a proper Demand in an application for which the United States International Preliminary Examining Authority is competent and for which the fees have been paid, the international application shall be the subject of an international preliminary examination. The preliminary examination fee (§ 1.482(a)(1)) and the handling fee (§ 1.482(b)) shall be due within the applicable time limit set forth in PCT Rule 57.3.

(b) The Demand shall be made on a standardized form (PCT Rule 53). Copies of the printed Demand forms are available from the United States Patent and Trademark Office. Letters requesting printed Demand forms should be marked “Mail Stop PCT.”

(c) Withdrawal of a proper Demand prior to the start of the international preliminary examination will entitle applicant to a refund of the preliminary examination fee minus the amount of the transmittal fee set forth in § 1.445(a)(1).

(d) The filing of a Demand shall constitute the election of all Contracting States which are designated and are bound by Chapter II of the Treaty on the international filing date (PCT Rule 53.7).

(e) Any Demand filed after the expiration of the applicable time limit set forth in PCT Rule 54*bis*.1(a) shall be considered as if it had not been submitted (PCT Rule 54*bis*.1(b)).

[52 FR 20048, May 28, 1987, as amended at 53 FR 47810, Nov. 28, 1988; 58 FR 4346, Jan. 14, 1993; 63 FR 29619, June 1, 1998; 67 FR 523, Jan. 4, 2002; 68 FR 14337, Mar. 25, 2003; 68 FR 59888, Oct. 20, 2003]

#### **§ 1.481 Payment of international preliminary examination fees.**

(a) The handling and preliminary examination fees shall be paid within the time period set in PCT Rule 57.3. The